

IN THE SPECIFICATION

Replace the paragraph beginning on Page 5, line 7, with the following amended paragraph:

According to another exemplary embodiment of the present invention ~~as set forth in claim 13~~, a computer program for a data processor for performing a filtered back-projection of CSCT data is provided. The computer program according to the present invention is preferably loaded into a working memory of the data processor. The data processor is thus equipped to carry out the method of the invention. The computer program may be stored on a computer readable medium, such as a CD-Rom. The computer program may also be presented over a network such as the Worldwide Web, and can be down-loaded into the working memory of a data processor from such a network.

Replace the paragraph beginning on Page 15, line 15, with the following amended paragraph:

FIG. 8 shows an exemplary embodiment of a data processing device for performing a filtered back-projection of CSCT data, for example, in the same manner as described with reference to FIG. 6 and also the preprocessing described above. As may be taken from

FIG. 8, a central processing unit (CPU) or image processor 1-51 is connected to a memory 2-52 for storing the CSCT data, which may be acquired by a CSCT scanner such as the one depicted in FIG. 1. The image or data processor may be connected to a plurality of input/output-, network-, or diagnosis devices such as an MR device, through the input/output 53. The data processor 1-51 is furthermore connected to a display 4-54 (for example, to a computer monitor) for displaying information or images computed or adapted in the data processor 1-51. An operator may interact with the data processor 1-51, via a keyboard 5-55 and/or other output devices, which are not depicted in FIG. 1.